

HIGH SPEED TURNOVER APPARATUS AND METHOD

Abstract of the Disclosure

4 A turnover apparatus and method for inverting articles such as lumber or board
5 pieces being conveyed sideways on two or more conveyor chain loops in which each article is
6 advanced on the conveyor chain loops by speed up belts engaging the underside of the articles to
7 force a leading side against a pair of lugs mounted on a respective conveyor chain loop, the
8 article thereafter flipped up to an on edge position by flipper arms also mounted on the conveyor
9 chain loops which each engage an adjustable cam ramp at a turnover station, the article thereafter
10 tipped over backward by being driven by the speed belts against an elevated overhung trailing
11 edge on the lugs to complete the turnover. Optional pivoted let down elements may be arranged
12 to engage the trailing side of the articles to controllably lower the same by motion induced by a
13 second cam ramp at the turnover station.